8 Fixes For NSIS Error “Error Launching Installer”

October 30, 2021



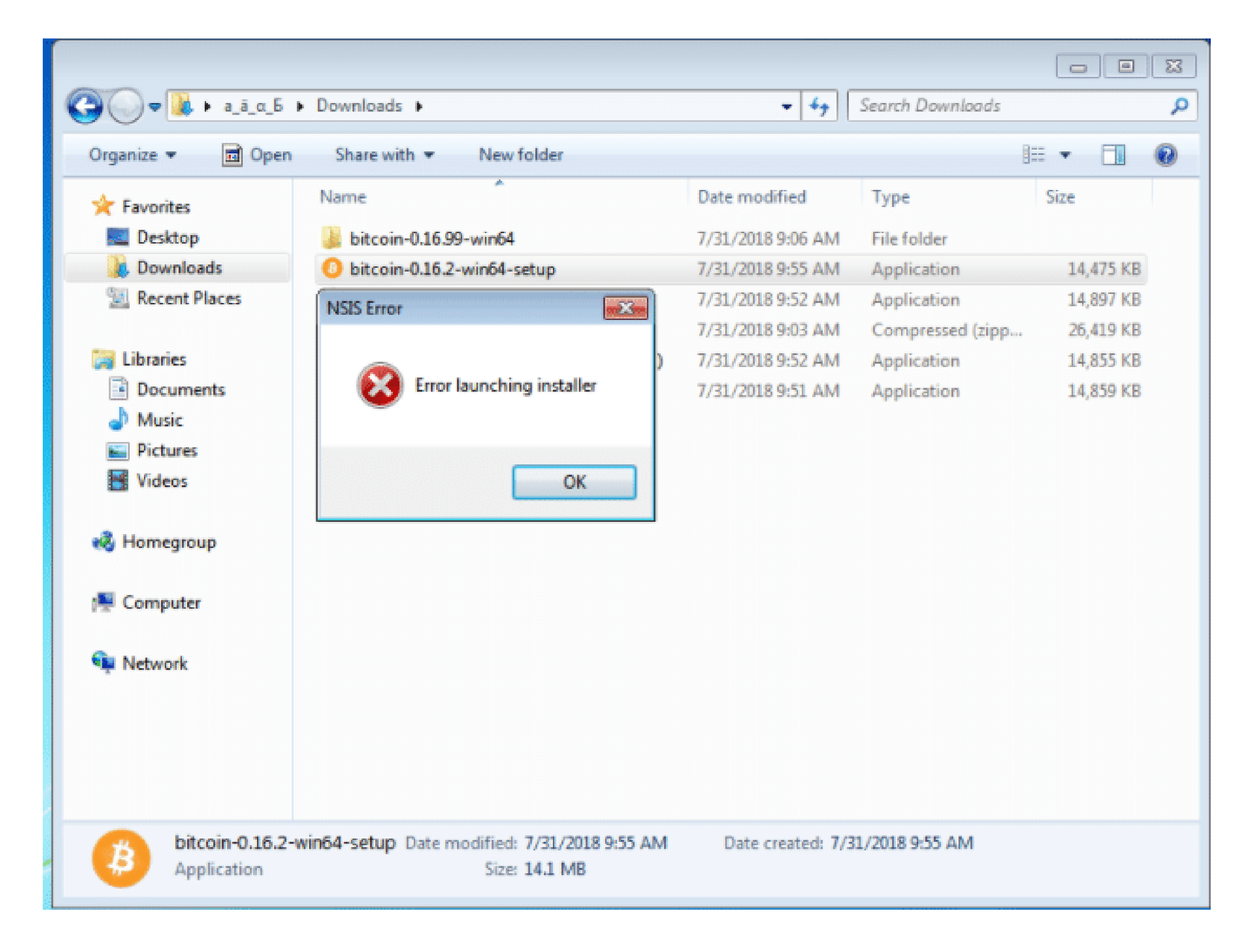
NSIS error is an installer-related issue that can pop up abruptly. It follows up with messages like ‘Error Launching Installer, and Installer Integrity Check Has Failed.” Once again, unfortunately, it is an error windows users frequently face. But don’t you worry!

This guide will help you solve all the issues related to this error. You will learn of every known credible method.

Table of Contents

What Is an NSIS Error?

When you download an app for your Computer, it comes with an installer. Each software has its installer. These installers ensure a seamless process. If everything goes smoothly, you will be able to use the app without any problem.



NSIS stands for Nullsoft Scriptable Install System. It is the most common open-source system that allows anyone to create an installer. As mentioned, installers aren't built into Microsoft Windows. Each program, app, or software comes with its standalone installer.

NSIS is known for making the process efficient for the creators. It is a professional tool. If you create an installer by using NSIS, you get a full-fledged system. It allows you to extract files or install and uninstall the program from the Computer.

The more you work on the Installer, the more features it will provide. As you might know, some installers also offer extra settings. You can make changes and then launch the app.

In simple words, NSIS makes it possible for you to create an Installer. This installer speeds up the entire process efficiently. Ergo, everything is smooth and seamless. Users will have specific commands and controls over the installer.

That's why when an NSIS error occurs, it means that the installer is having a problem. NSIS error isn't exclusive to software. It can be for a driver, a program, an app, or something else. Often, users receive a pop-up when an NSIS error occurs.

These pop-ups have another technical message that normal people won't get. But you will learn more about that in this article.

What Causes NSIS Error?

Before any installer starts running the entire process, it makes a check. These self-checks are to ensure the script and entire installer is working fine. When that isn't the case, the error appears.

It could mean that either the installer is corrupt or the software. There might not be apt files for it to continue. On Windows 10, it is generally related to incomplete installation files.

Some common reasons include:

- If you downloaded them from the internet, the files might be incomplete.
- You downloaded the complete file, but they got modified. Ergo, Installer is failing to read them.
- If you're installing via CD/DVD, Flash Drive, or similar devices, the device might not be working. The physical media may be corrupted.
- You don't have the right hardware or physical media to install the program. Thus, the hardware is malfunctioning.
- Virus and malware activity may also hinder the installation process. You can receive an error if there is some malware preventing the installation.

Guide To Fix NSIS Error Issues

Is there anything that you can do to solve this issue? The good news is that there are plenty of things that you can try. This guide has authentic methods that will help you diagnose the problem. You will learn to troubleshoot and fix it by yourself.

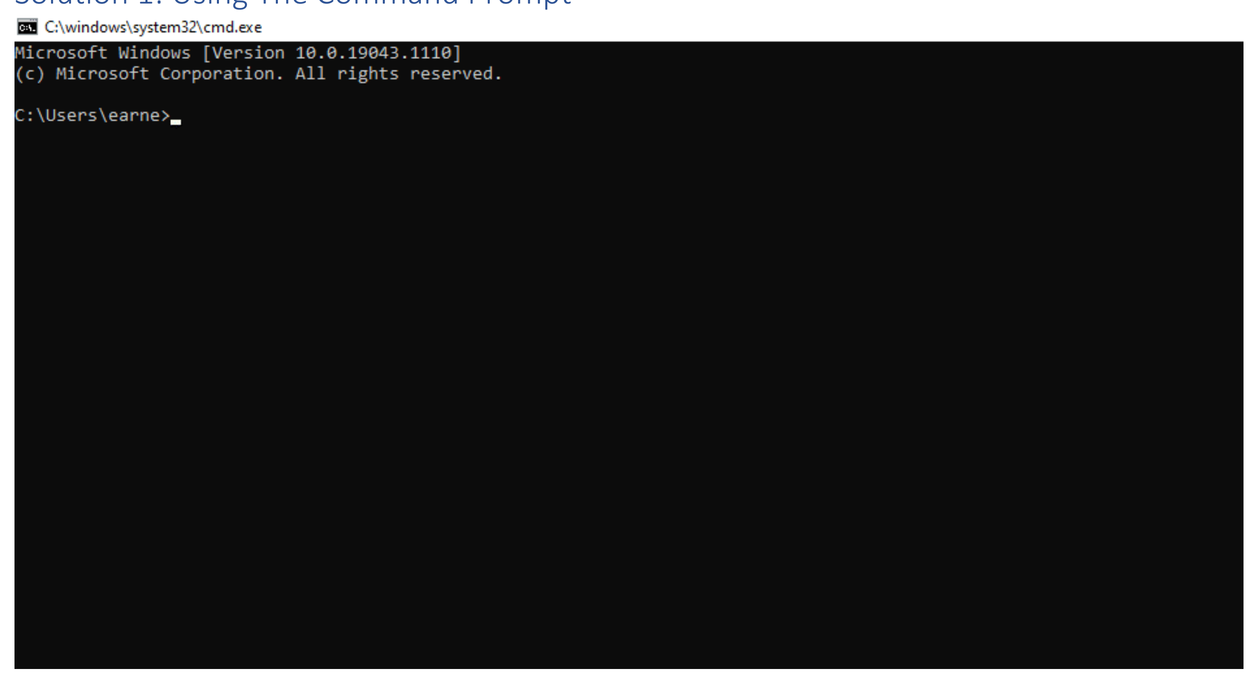
See also 17 Fixes For HDMI Port Not Working In Windows

Get ready to try these methods one after another until you solve the problem.

Solutions To Fix NSIS Error

1. **Use Command Prompt To Install A Program.**
2. **Rename The File, Or Change The Location.**
3. **Download The Entire Program Again**
4. **Check For Virus And Malware**
5. **Check For The Windows 10 Updates**
6. **Disable Your Firewall**
7. **Check For Hard Drive Issues**
8. **System Language Problems**

Solution 1: Using The Command Prompt



The first step to using an Installer is by launching it. You'd have to double-click on it. But, if you're failing to do so and face an error, this solution can help. You can use the command prompt to fix the problem.

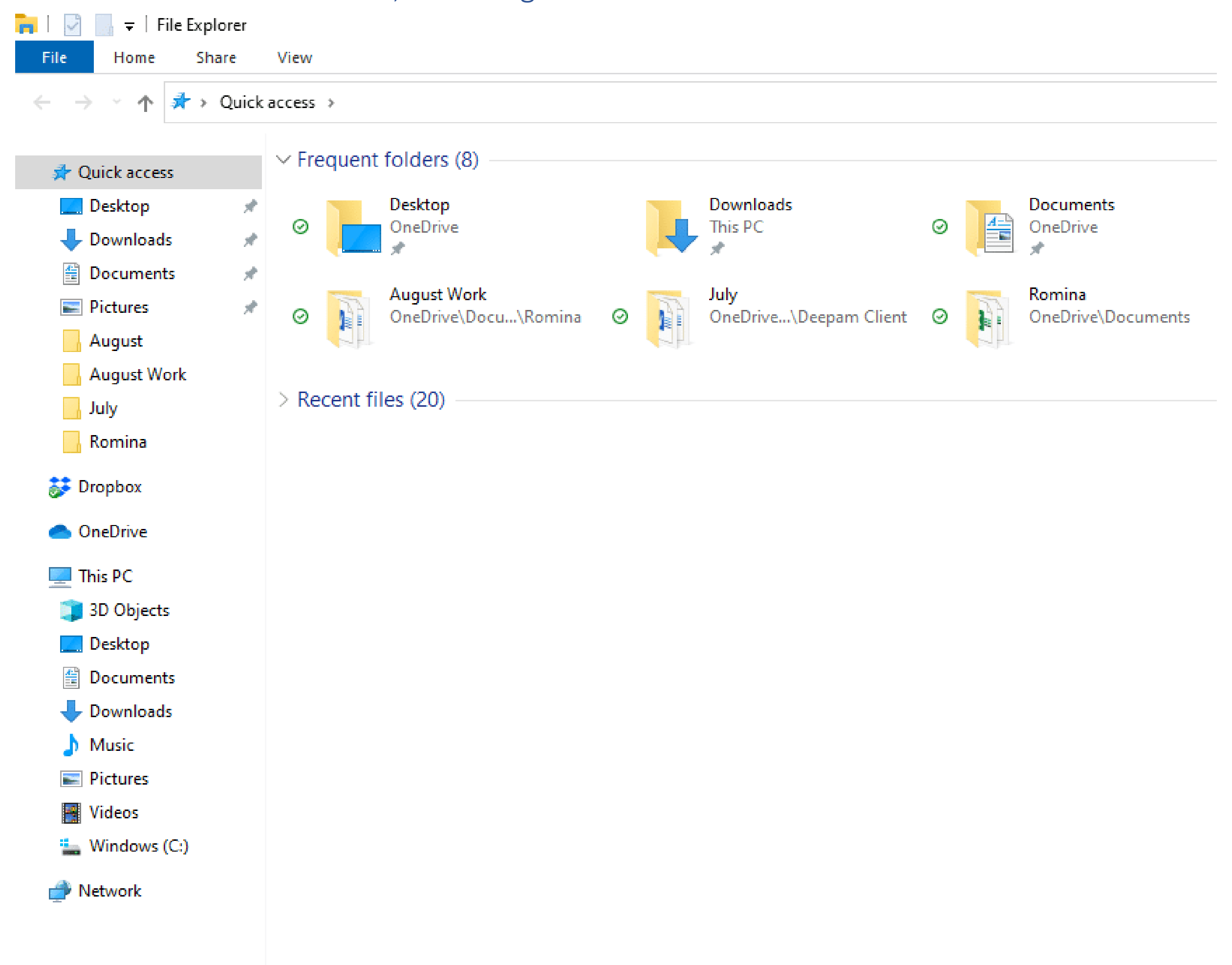
After all, the proper command prompt is a great way to launch anything in windows 10. Command prompt also skips the Installer tests (For corruption, missing files, etc.). It will straight up install the software or program.

All you need to do is follow these steps:

- First, go and find where the installer is. Use the file explorer.
- Once you find the location, minimize the Window.
- Press the Windows Key + R key together. This will launch the Run window.
- Type 'cmd' in the run bar and press enter. You can also click Ok. This will launch the Command Prompt.
- Now resume to the File Explorer and the installer you found. Maximize the window to drag and drop the installer in the command prompt.
- This way, you won't have to type the entire storage path in the command prompt.
- Press Space once the storage path appears. Then type /ncrc.
- Press Enter, and it will launch the installer.

The rest is all about you following the installer and instructions. It should work just fine now. This is the most helpful tip for you to learn.

Solution 2: Rename The File, Or Change Location



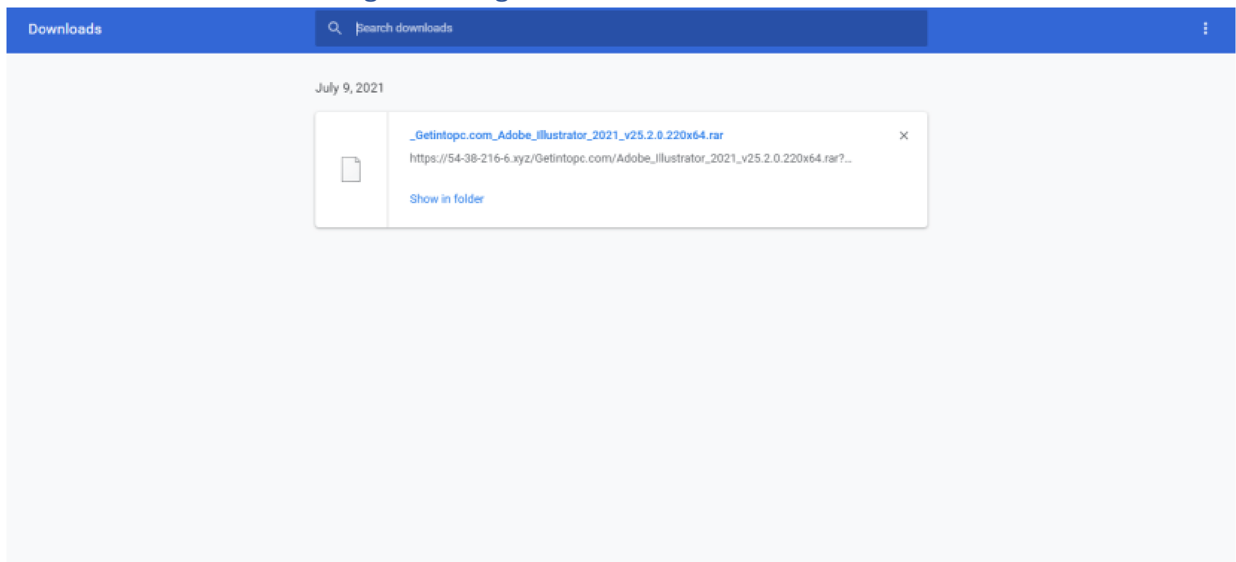
Sometimes, the installer fails to read the entire storage path. NSIS error might appear if there is some folder issue. The filename could be too long. If there are special characters and other attributes, the installer might fail. It becomes challenging for the installer to read it all.

Thus, it can prompt another NSIS error. If that's the case, you can rename the file. You can also change the storage path to make it shorter.

Here are some tips for you:

- If you rename the file, keep it short. Try to have a one-word name, if possible. Don't include any special characters or numbers. That can hinder the installation process.
- If you change the location, try to keep it as short as possible. You can move the files to the desktop or create a folder there. There is the downloads folder, as well. The shorter route is always better.

Solution 3: Redownloading The Program



Have you not had any luck so far? If you've tried the above-given methods, it might be an installer problem. Did you still get NSIS error? Perhaps the file is incomplete. Maybe it is corrupted.

There are many reasons for that to happen. The internet connection isn't always the best. There can be abrupt disruptions. This can lead to some essential components missing while you're downloading the file. Poor network connection or limited bandwidth is often the reason for these errors.

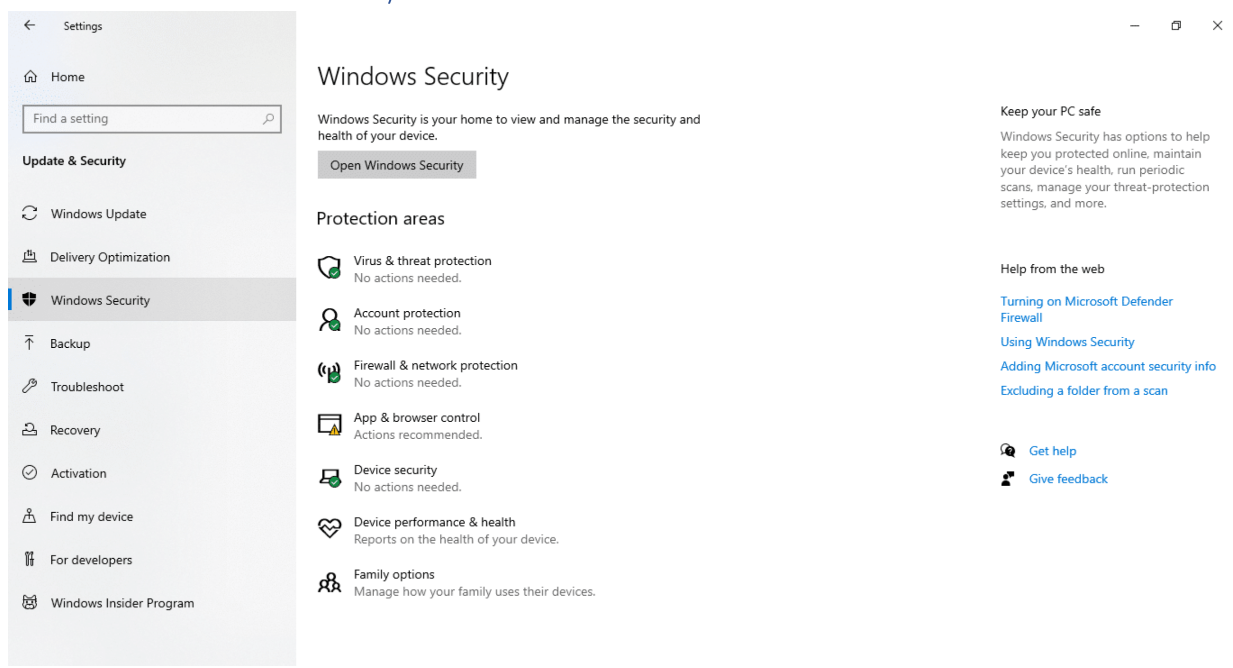
The best thing that you can do by now is to redownload the entire software. Yes, you should delete the old installer and program, then download again.

Try to clear the system cache before you redownload and reinstall. Also, make sure that the old copy is deleted. You will also have to clear the browsing data before downloading. Remember, if your browser faces frequent installer failures, change it. Try another browser and see if you still receive the errors.

Now, if you didn't install the files but use a device like USB or CD, replace it. The CD/DVD or USB drive may be corrupted. You might want to get a new copy of the software to download.

See also 10 Fixes For Can't Delete File Or Folder In Windows

Solution 4: Check For Virus / Malware



One of the mentioned issues is malware and viruses. These elements never fail to spoil the Computer. It's natural to assume that they can be behind an NSIS error, as well. Some malware and viruses prevent the installation progression.

It usually happens when you download a program. If you have a virus or malware in your system, it can corrupt the installer file. This problem is the same as the previously mentioned problems. But you won't be able to fix it by using their solutions.

After all, corruption means it is deep-rooted. The only way for you to fix this is by using an antivirus or an antimalware program. If your installer has failed even after all the solutions, time for you to try this.

Avast antivirus and Malwarebytes are both great antivirus and antimalware tools. If you don't want to spend money, then you can try Windows Defender.

Windows Defender is a built-in antivirus and antimalware program. It is self-sufficient in offering a wide range of protection. To use it, follow these steps:

- Go to the Start Menu. It is the Windows Logo in the bottom left corner. You can select Settings or search for it.
- Then go to 'Update & Security' and then open Windows Security.
- Click on Virus & Threat Protection. This will lead you to Windows Defender.

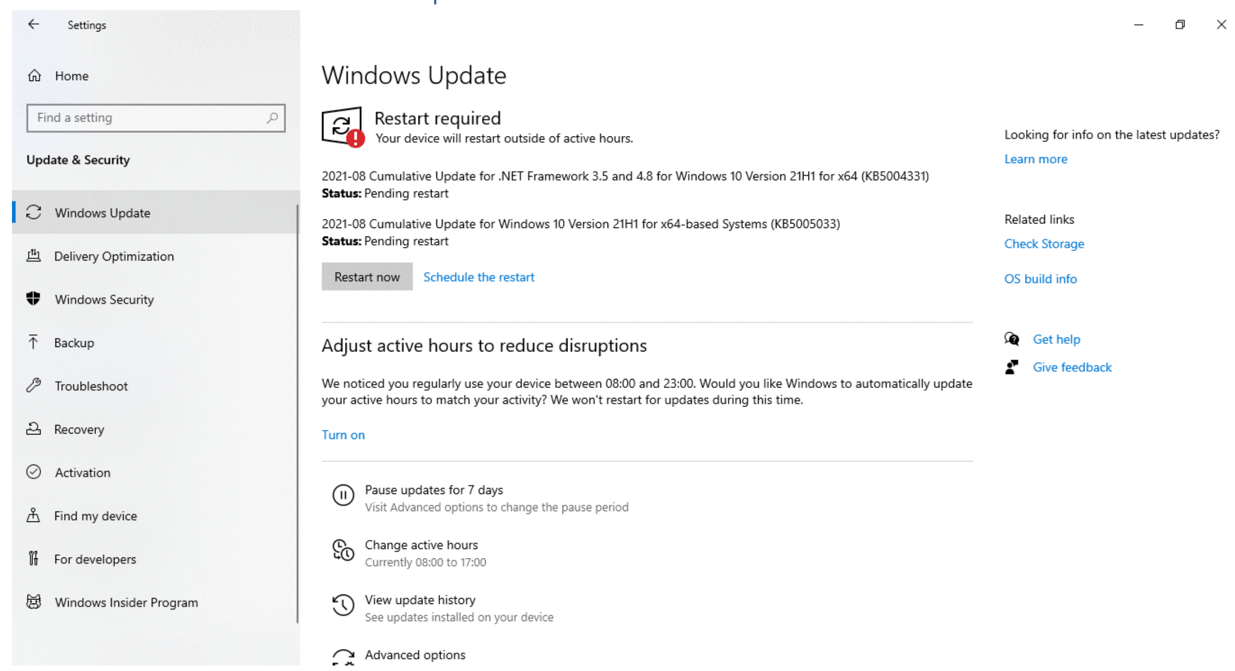
Now, you will have plenty of features and tools to use. Follow along with these:

- Click on 'Run A New Advanced Scan.'
- Click on Full Scan and then Scan Now.
- This process will scan your entire Computer.

As it is going to scan your entire system, it will take some time. Depending on your system's specs, it can take hours. But you should be patient and wait for it to finish.

Once it finds any error, you can get rid of those. If you fail to find any errors, perhaps go for the premium-grade tools. You can also try the option to scan without booting the system. The option is Windows Offline Scan.

Solution 5: The Windows 10 Update



Before you download software to install, check for the requirements. Make sure that the software, app, or program has up-to-date requirements. Some outdated programs will need an older version of windows.

Relatively, it is also possible that you need to update windows. Most downloaders for the latest apps and programs are up-to-date. If you're downloading the latest software and still failing, update windows. After all, you've already tried other methods. This sounds like a logical way to go.

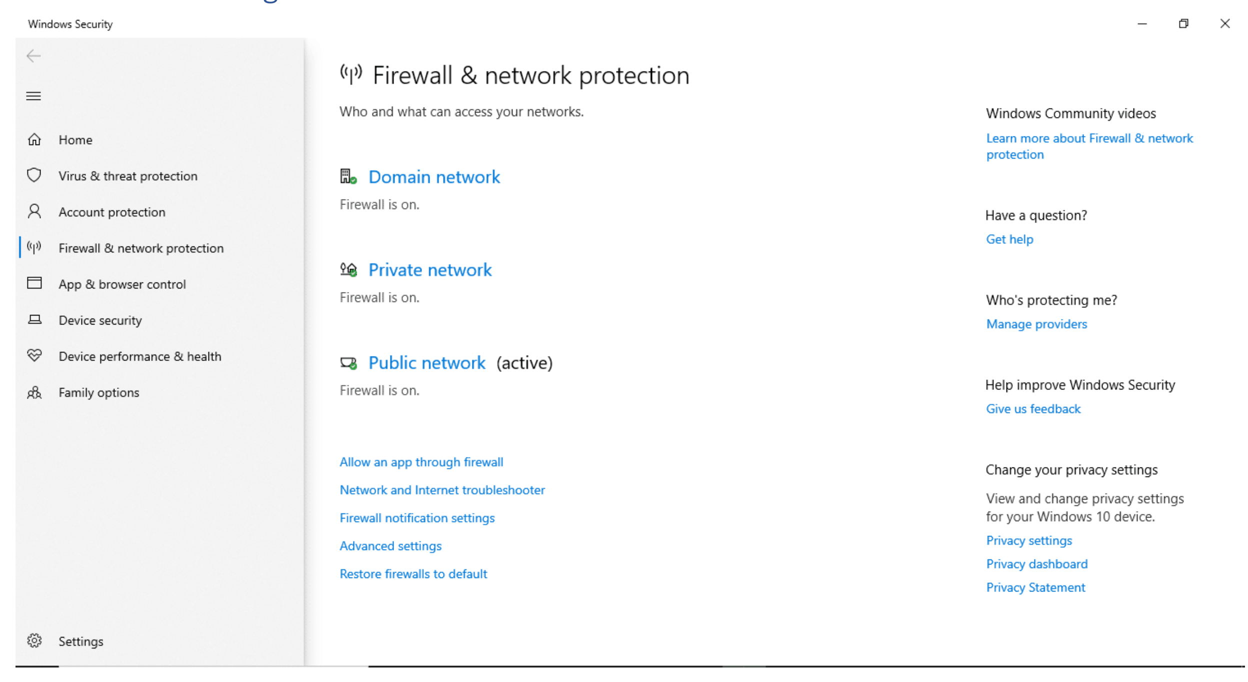
- Remember that the latest Windows OS (Like Windows 10) has automatic updates. You can't turn them off permanently. But you might need a Wi-Fi connection.
- Sometimes the downloads or installations remain pending for unknown reasons.
- It is a good idea to check for the updates manually once in a while.

To check for the updates, follow this guide:

- Open Windows Settings. You can also press Windows Key + I.
- Go to Update & Security and Find Windows Update.
- Check for any new updates. If there are new updates, download them.
- After downloading them, you will have to install them.
- You can decide when to install it.

Most updates are installed during off-work hours automatically. When you shut down, an update might take place. But you can also get updates manually.

Solution 6: Turning Off The Firewall



Windows Firewall is there for your protection. It eliminates the risk related to DDOS attacks and hacking. Usually, it is a great idea to keep Windows Firewall active. But, sometimes, it can cause problems with the installer.

It happens when the Firewall doesn't allow the Installer to work. Maybe because you have downloaded it from an unknown source, you can do two things:

1. Try to redownload the Installer file or change the provider.
2. Disable Windows Firewall.

See also 14 Fixes For Your Device is Missing Important Security and Quality Fixes

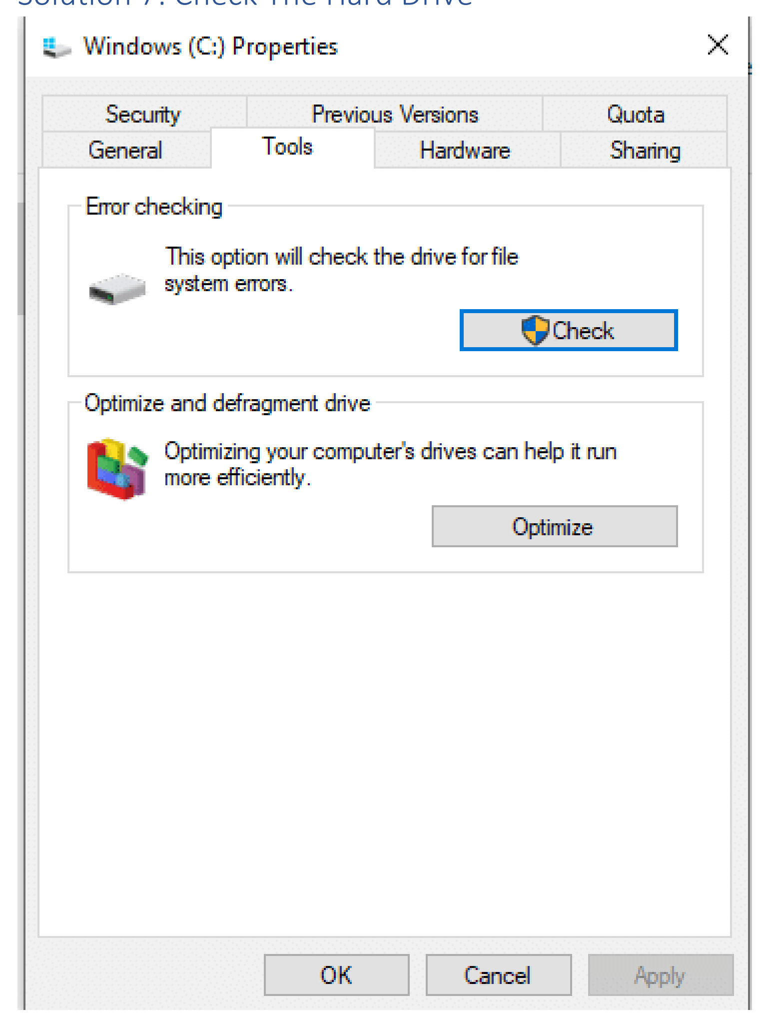
Before you disable Windows Firewall, remember to do it temporarily. You should resume and activate it again once you install the program.

Here is how to disable Windows Firewall:

- Go to the Start Menu and find the Control Panel. Click on it.
- Then go to System And Security. Find Windows Defender Firewall.
- Click on it and find 'Turn Windows Defender Firewall On Or Off.' You can click on it to do so.
- Make sure to also check on 'Turn Off Windows Defender Firewall.' Follow this for private and public networks.
- Click OK. You're good to go.

To start the Firewall again, you can come back to the same settings and turn it on. Don't forget about public and private networks.

Solution 7: Check The Hard Drive



Did you still get an NSIS error after going through all the steps? Perhaps the problem is with the physical media. Problems with Hard drives are another common reason for the NSIS error.

This one is mainly related to the 'installer integrity check has failed' error. But, you don't have to worry too much. There are some built-in tools in your OS that you can use.

Here is how you can check or even fix hard drive issues:

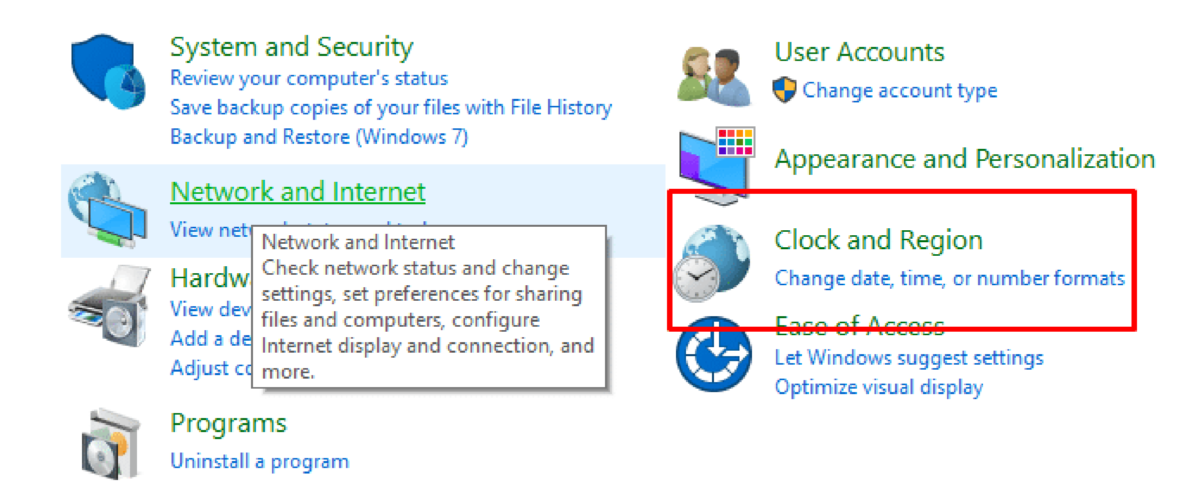
- Click on This Computer (Windows 10). Make sure to open it. It is also known as My Computer in previous Windows.
- Now, right-click on the Disk drive partition that you want to check.
- Go to the Properties of the drive.
- Find the Tools tab and find the 'Error Checking' option.
- There you will find a command 'Check' to launch.

This will thoroughly scan your hard drive to see if there is any problem. You can also use the command bar and type 'chkdsk' on it and select the Disk Drive name.

Of course, many third-party professional tools aim to provide solutions. But, there's no reason for you to try that. If the above-given step didn't work, you could run other tests.

If there is any error, you can launch a repair. However, if the drive is broken, you will have to get new hardware. The corruption test is one of the best self-check options.

Solution 8: System Language Problem



When we talk about System language, we don't mean programming. Strangely enough, sometimes changing the language of your Computer works. For example, changing it from English to another language.

Many users have reported that it is quite a valuable solution for NSIS errors. If you want to give it a try, follow these steps:

- Go to the Control Panel.
- Find Clock And Region. Click on Region.
- Make sure to choose the Administrative tab and click on 'Change System Locale.'
- You will find an option to expand the 'Current System Locale.'
- Expand it and choose another language that you understand. Click Ok.

Now, go ahead and rerun the installer. See if you still get an NSIS error or not.

FAQs

What is NSIS error launching installer?

When you get NSIS Error, it means that your installer has failed. The installation for the software won't work on your Computer or window. There are plenty of reasons for this error.

How do I fix the NSIS Error installer integrity check failed?

You can use the above-given solutions to self-check and run the corruption test. These should fix your NSIS error conveniently.

How do I fix the NSIS error in Windows 7?

Just like Windows 10, you can use these methods for Windows 7, as well. Some names and commands might be modified. You can contact support if you still have an NSIS error.

How do I uninstall the NSIS error?

There is no method for you to uninstall an NSIS error. It is not an installed program. You will have to follow the procedures mentioned above. If you still get NSIS Error, contact support.